



UNIVERSITÀ
DEGLI STUDI
FIRENZE

FLORE

Repository istituzionale dell'Università degli Studi di Firenze

Experiences of conservative viticulture and olive growing mechanization in the european cross border project MARS +

Questa è la Versione finale referata (Post print/Accepted manuscript) della seguente pubblicazione:

Original Citation:

Experiences of conservative viticulture and olive growing mechanization in the european cross border project MARS + / Angèle Cannizzo; Giancarlo Così; Riccardo Lisci ; Domenica Marcianò; Marco Rimediotti; Daniele Sarri; Gaetano Tirrò; Marco Vieri. - STAMPA. - (2012), pp. ... (Intervento presentato al convegno Fourth International Congress Of Mountain And Steep Slope Viticulture - CERVIM Lione - Rhône Alpes - Francia 7-9 novembre 2012 "Viticulture Conquers The Slopes Again" tenutosi a Lione - Rhône Alpes nel 7-)

Availability:

This version is available at: 2158/814294 since:

Publisher:

CERVIM

Terms of use:

Open Access

La pubblicazione è resa disponibile sotto le norme e i termini della licenza di deposito, secondo quanto stabilito dalla Policy per l'accesso aperto dell'Università degli Studi di Firenze (<https://www.sba.unifi.it/upload/policy-oa-2016-1.pdf>)

Publisher copyright claim:

(Article begins on next page)

Experiences of conservative viticulture and olive growing mechanization in the European Cross Border Project MARS +

A.Cannizzo, G. Cosi, R. Lisci, L. D. Marcianò, M. Rimediotti, D. Sarri, G. Tirrò, M. Vieri.

Div. Biosystem Engineering

Piazzale delle Cascine 15. 50144 Firenze (Italy).

e-mail: marco.vieri@unifi.it



Università degli Studi di Firenze



- Grape-olive growing conservative: the term conservative refers conservative agriculture or blue agriculture. More specifically, in the case of coastal area and mountains, the farmers act as custodians of the land. Since the 90s the research and development of handicraft productions and, to a lesser extent, industrial dedicated has made available an increasingly a large variety of technological innovations, today's rapidly changing.

The technology landscape has been collected as part of the Mars + and references are shown in the web: www.martepiumeccanizzazione.it

- The demonstration events carried out by the research group of the University of Florence, and between those of Mars Project +, have been conducted over the years with a constant focus on the participatory approach (feedback). Farmers, retailers, manufacturers, researchers, local authorities, in a sharing of proposals, critical comments, and relative valuations in the sector settled in their workplace, have brought manufacturers to improve further their machines, farmers to adapt cultivation techniques and employment practices, researchers and administrators to calibrate their response actions.

- The research development, the development of new technologies for precision farming and ITG (information and communication technologies), with the most recent applications of monitoring and mapping of factors of production, communication, telemetry and organization of information systems WEB-GIS has been applied in the particular conditions of viticulture and olive growing conservative and may be an element of monitoring and measurement of the various special factors of production process. All this can be an important element to enhance traceability and shared on the web of processes and products that are developed.

- The increasingly popular technologies Smart Network Communication represent therefore a showcase of great effect to communicate whole collection of wealth provided by the multifunctionality of companies agroforestry and multi-activity offers an increasingly urbanized population, a larger user expanded and has need of recreation, re-appropriation of social, cultural and environmental.

- Future generations can very effectively help farmers and businesses in the development of this new and emerging component in the development of rural activities. Their already acquired knowledge of these technologies makes them prime movers in this development process that sees our generations exploit and ask for help to the young.

